

ABSTRACT OF THE DISCLOSURE

A thermo-reversible, crosslinkable elastomer, a composition containing the same, a rubber-bonded body and a rubber structure containing the rubber-bonded body are disclosed. The thermo-reversible, crosslinkable elastomer has an elastomer main-chain and a crosslinkable portion having at least one group selected from the group consisting of acid anhydride group and hydroxyl group. The thermo-reversible, crosslinkable elastomer can form stable crosslinked structure at room temperature, thereby having rubber plasticity, show sufficient melt flowability at molding temperature of general thermoplastic resin, and repeatedly reproduce crosslinking formation and crosslinking dissociation.
